

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
3 March 2005 (03.03.2005)

PCT

(10) International Publication Number  
WO 2005/018694 A1

(51) International Patent Classification<sup>7</sup>: A61L 15/24, 15/26, 15/28, 26/00

(21) International Application Number: PCT/US2004/016641

(22) International Filing Date: 26 May 2004 (26.05.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 60/496,720 20 August 2003 (20.08.2003) US

(71) Applicant (for all designated States except US): TYCO HEALTHCARE RETAIL SERVICES AG [CH/CH]; P.O. Box 1571, Bahnhofstrasse 29, CH-8201 Schafhausen (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): GLAUG, Frank [US/US]; 110 Crimson Place, Chester Springs, PA 19425 (US). COLE, Robert [US/US]; 21 Clover Hill Drive, Jackson, NJ 08527 (US).

(74) Agent: COHEN, Joshua, L.; RatnerPrestia, P.O. Box 980, Valley Forge, PA 19482 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/018694 A1

---

(54) Title: ABSORBENT CORES FOR ABSORBENT ARTICLES AND METHOD FOR MAKING SAME

(57) Abstract: An absorbent article is provided, including a barrier layer, a cover layer extending substantially parallel to the barrier layer, and a superabsorbent polymer interposed between the cover layer and the barrier layer. The superabsorbent polymer is adhered to the article in a pattern configured to distribute fluid in the absorbent article, wherein at least one portion extending essentially completely across the absorbent article is substantially devoid of the superabsorbent polymer.